

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : MITSUI TOATSU CHEM INC

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(72)Inventor : SAKAI HIDEO
MAEDA TAKESHI

(54) FORMING OF REINFORCED PLASTICS

(57)Abstract:

PURPOSE: To improve the workability in maintenance and coating of reinforced plastics by a method wherein gelcoat resin of a specified composition is applied to forces, backed with fibrous reinforcement impregnated with thermosetting resin and hardened.

CONSTITUTION: Clay mineral (10W100pts.wt.) of plate or scales piece crystal particle structure which is pulverized into fine particles of an average particle diameter 50 μ m or less and thixotropy donor of one or two kinds or more selected from groups of fine silica, asbests and organic bentonite are stirred and dispersed uniformly in unsaturated polyester resin (100pts.wt.) containing polymerizing monomer and gelcoat resin composition obtained is applied to forces. Then, inorganic fibrous reinforcement or organic fibrous reinforcement is impregnated with thermosetting resin, backed and hardened.

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